

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011222\
 Data File : VU046746.D
 Acq On : 12 Jan 2022 16:43
 Operator : SY/MD
 Sample : N1101-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW7

Quant Time: Jan 13 01:02:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

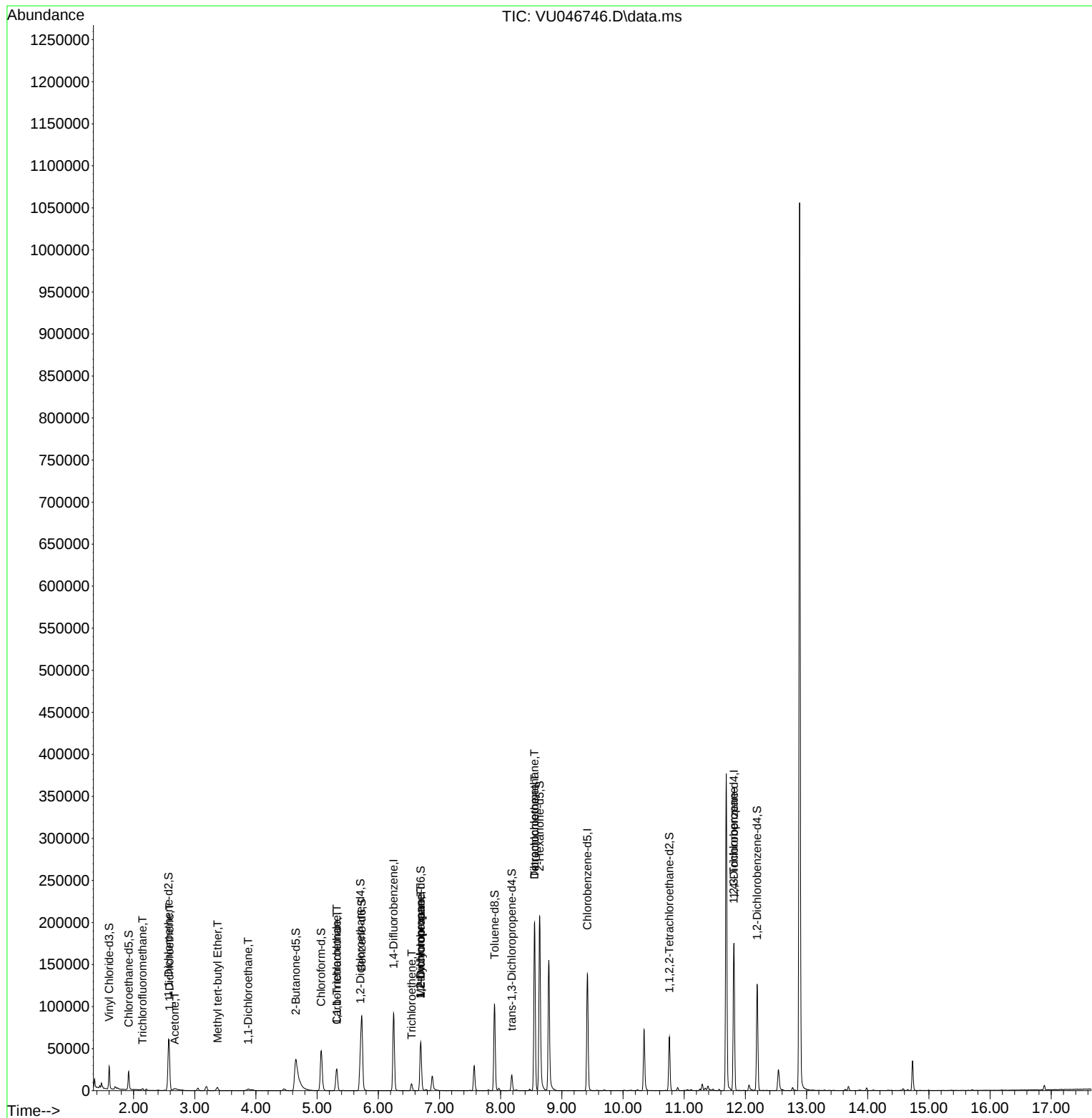
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	76372	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	80457	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47469	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	18340	3.049	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.919	69	16741	3.534	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	2.572	65	8545	3.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	4.652	46	93717	53.709	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.420%
24) Chloroform-d	5.067	84	45710	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.707	65	27276	4.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.729	84	84267	3.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.694	67	27542	4.087	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.899	98	71480	3.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	8.182	79	11528	3.698	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.636	63	83319	45.528	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	30543	4.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	33480	3.829	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.600%#
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.147	101	628	0.048	ug/L	93
12) 1,1-Dichloroethene	2.588	96	9219	1.372	ug/L	91
13) Acetone	2.671	43	6803	4.158	ug/L	48
17) Methyl tert-butyl Ether	3.372	73	4820	0.246	ug/L	95
19) 1,1-Dichloroethane	3.871	63	1784	0.135	ug/L #	83
29) 1,1,1-Trichloroethane	5.321	97	19851	1.492	ug/L	98
31) Carbon tetrachloride	5.321	117	2552	0.229	ug/L	95
34) Trichloroethene	6.546	95	2846	0.338	ug/L	94
35) Methylcyclohexane	6.694	83	6933	0.583	ug/L #	29
37) 1,2-Dichloropropane	6.690	63	3119	0.382	ug/L #	88
47) Tetrachloroethene	8.555	164	44892	7.528	ug/L	97
49) Dibromochloromethane	8.552	129	43233	5.330	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	5276	0.669	ug/L #	63

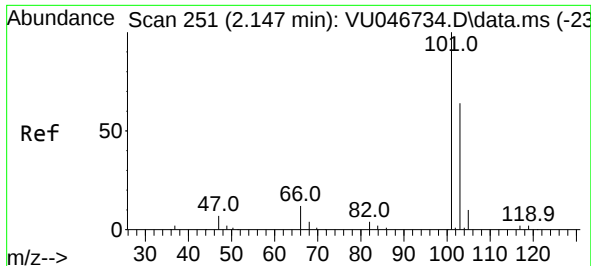
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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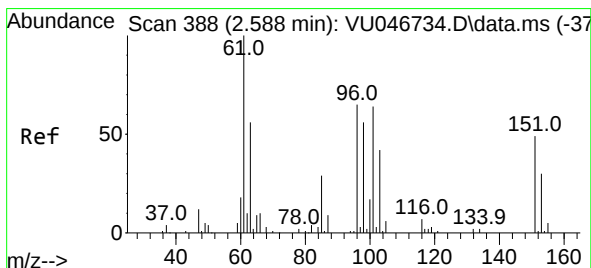
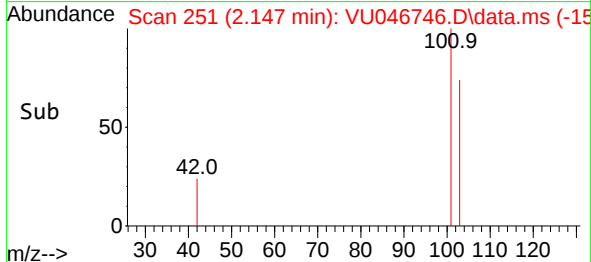
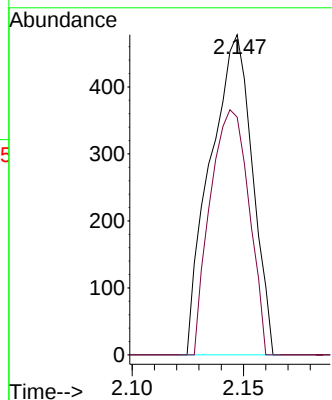
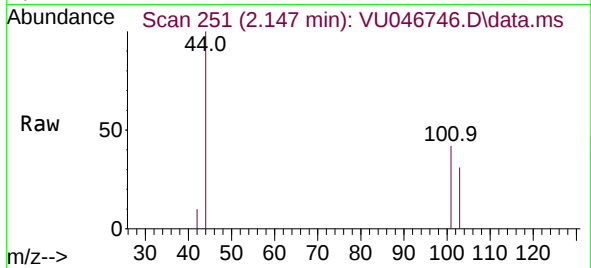




#9
 Trichlorofluoromethane
 Concen: 0.048 ug/L
 RT: 2.147 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VU046746.D
 Acq: 12 Jan 2022 16:43

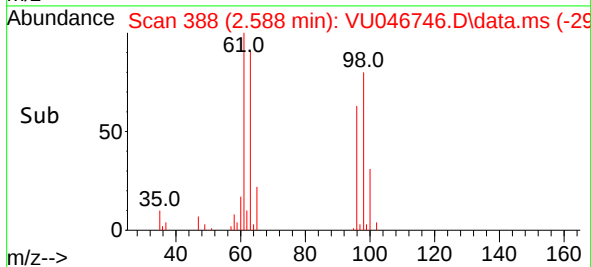
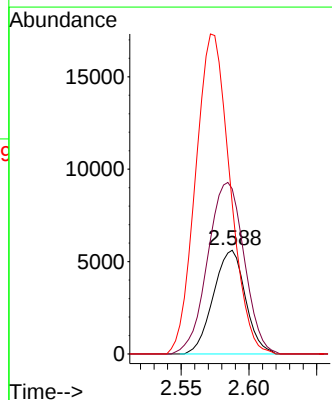
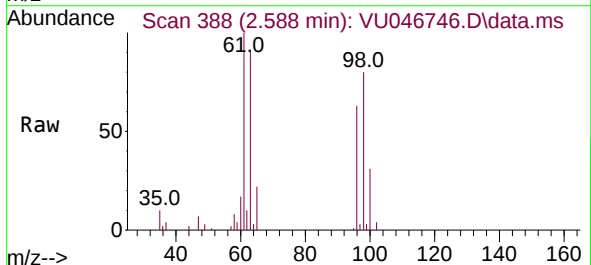
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW7

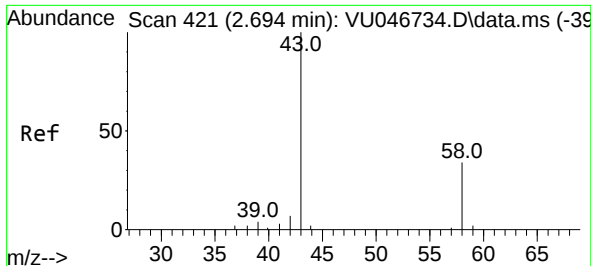
Tgt Ion:101 Resp: 628
 Ion Ratio Lower Upper
 101 100
 103 70.2 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 1.372 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.010 min
 Lab File: VU046746.D
 Acq: 12 Jan 2022 16:43

Tgt Ion: 96 Resp: 9219
 Ion Ratio Lower Upper
 96 100
 61 159.3 124.7 231.5
 63 145.3 105.2 195.4





#13

Acetone

Concen: 4.158 ug/L

RT: 2.671 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU046746.D

Acq: 12 Jan 2022 16:43

Instrument :

MSVOA_U

ClientSampleId :

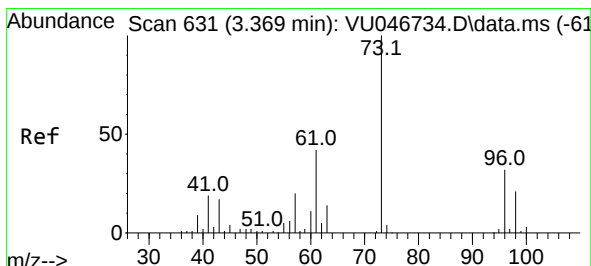
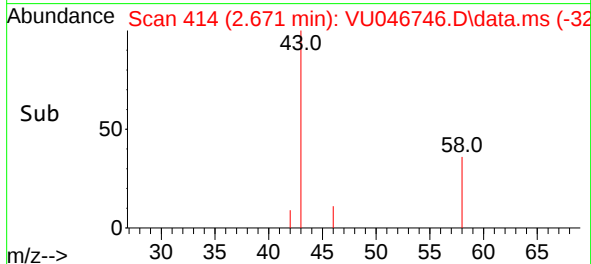
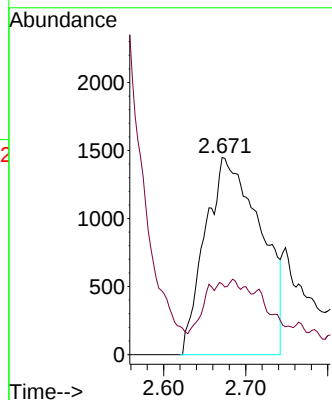
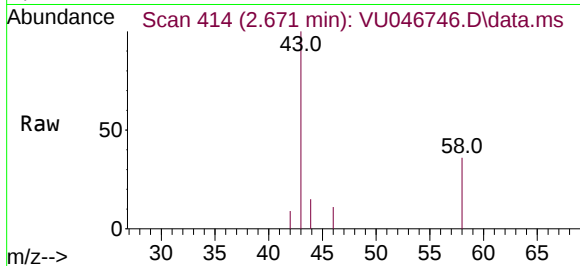
BFXW7

Tgt Ion: 43 Resp: 6803

Ion Ratio Lower Upper

43 100

58 5.5 0.0 71.6



#17

Methyl tert-butyl Ether

Concen: 0.246 ug/L

RT: 3.372 min Scan# 632

Delta R.T. 0.013 min

Lab File: VU046746.D

Acq: 12 Jan 2022 16:43

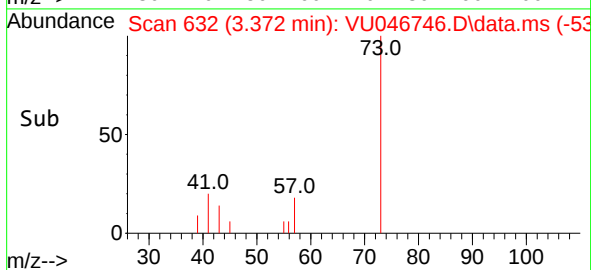
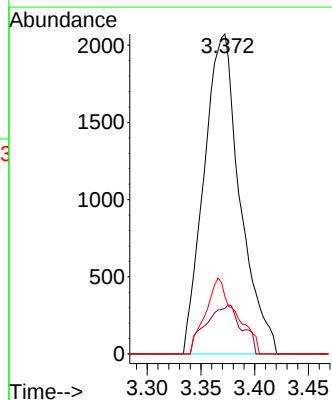
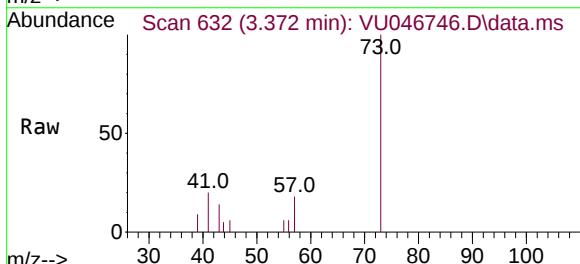
Tgt Ion: 73 Resp: 4820

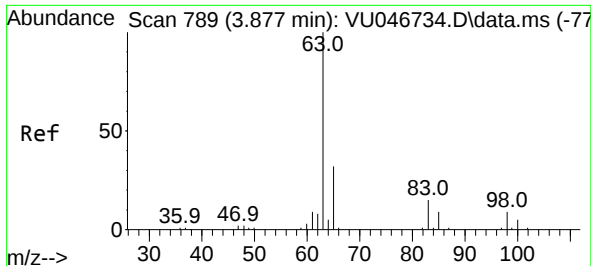
Ion Ratio Lower Upper

73 100

43 15.2 14.8 22.2

57 20.2 17.4 26.0





#19

1,1-Dichloroethane

Concen: 0.135 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU046746.D

Acq: 12 Jan 2022 16:43

Instrument :

MSVOA_U

ClientSampleId :

BFXW7

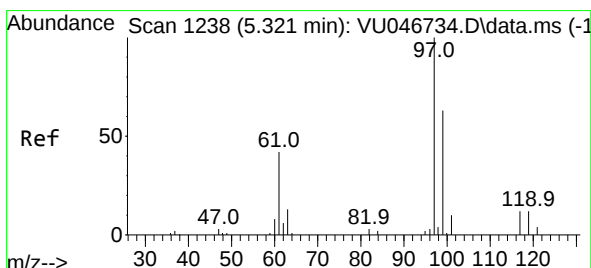
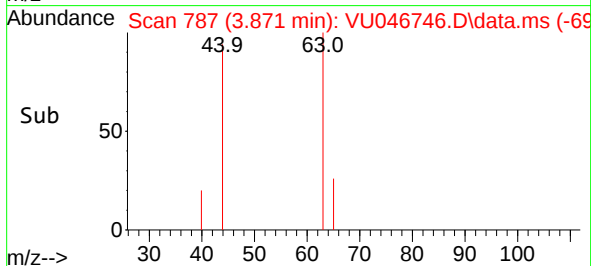
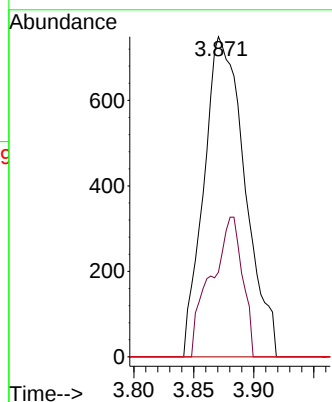
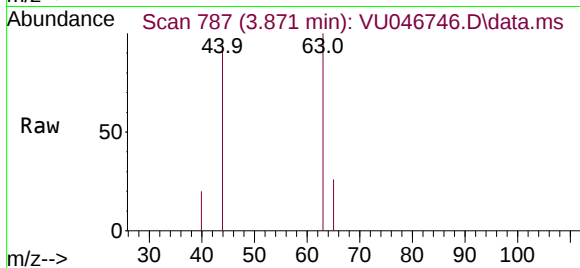
Tgt Ion: 63 Resp: 1784

Ion Ratio Lower Upper

63 100

65 26.4 22.3 41.5

83 0.0 9.6 17.8#



#29

1,1,1-Trichloroethane

Concen: 1.492 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.003 min

Lab File: VU046746.D

Acq: 12 Jan 2022 16:43

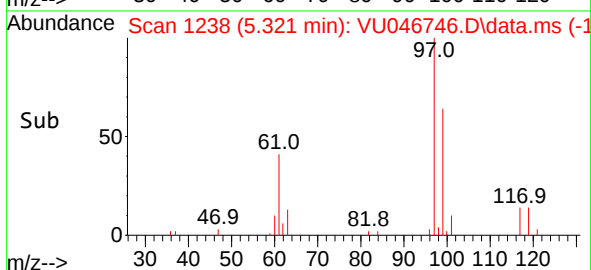
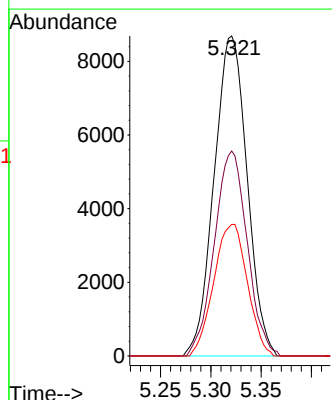
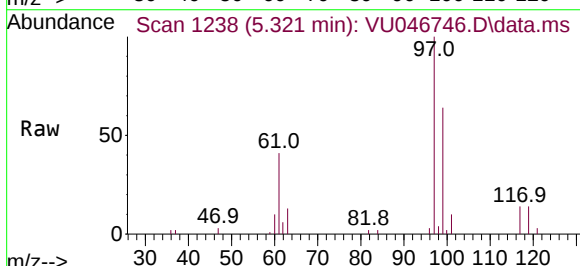
Tgt Ion: 97 Resp: 19851

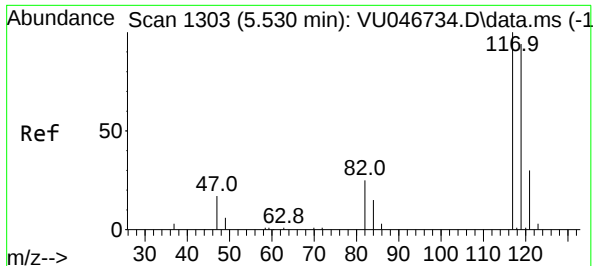
Ion Ratio Lower Upper

97 100

99 63.7 51.3 76.9

61 41.8 36.1 54.1

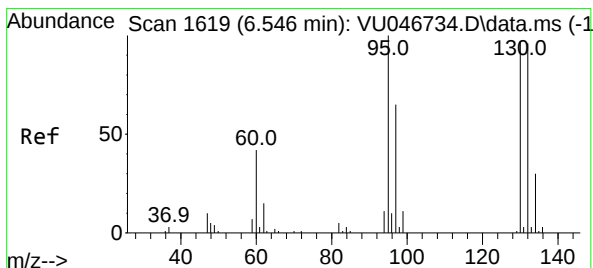
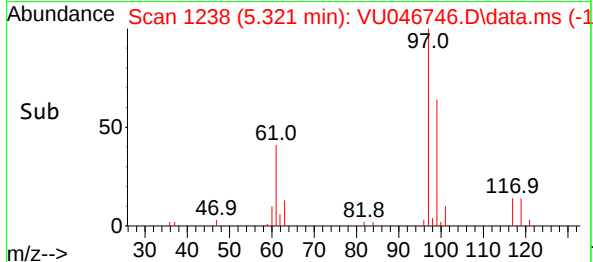
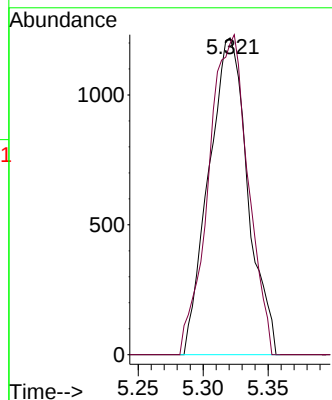
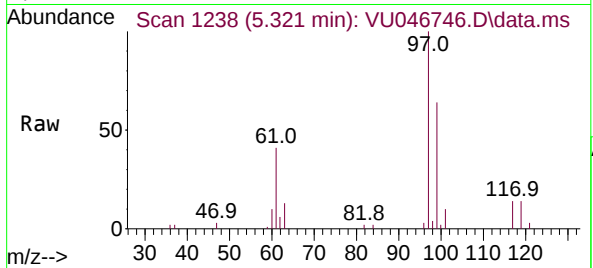




#31
Carbon tetrachloride
Concen: 0.229 ug/L
RT: 5.321 min Scan# 117
Delta R.T. -0.206 min
Lab File: VU046746.D
Acq: 12 Jan 2022 16:43

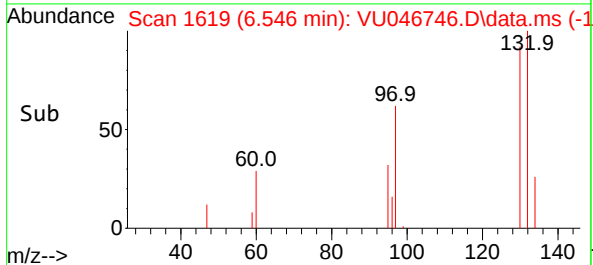
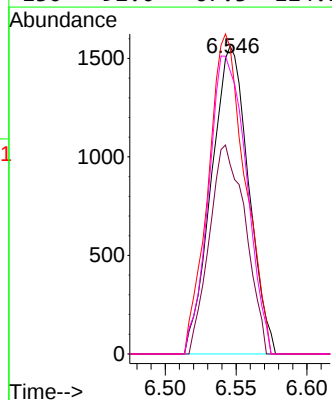
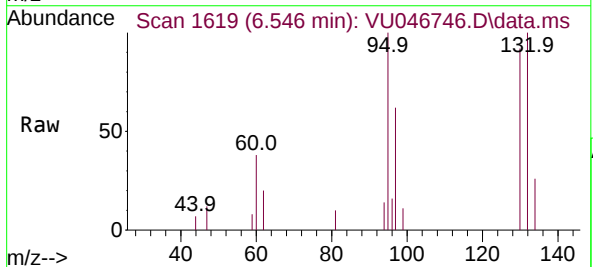
Instrument :
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ClientSampleId :
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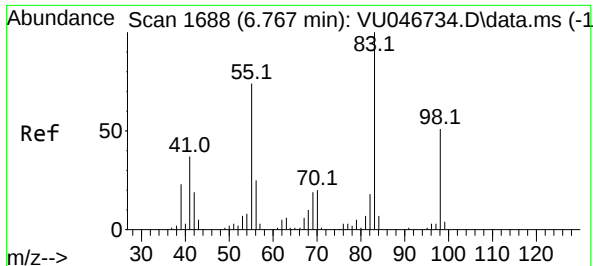
Tgt Ion:117 Resp: 2552
Ion Ratio Lower Upper
117 100
119 102.0 77.5 116.3



#34
Trichloroethene
Concen: 0.338 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU046746.D
Acq: 12 Jan 2022 16:43

Tgt Ion: 95 Resp: 2846
Ion Ratio Lower Upper
95 100
97 61.5 46.5 86.5
132 99.7 65.1 120.9
130 92.0 67.3 124.9





#35

Methylcyclohexane

Concen: 0.583 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU046746.D

Acq: 12 Jan 2022 16:43

Instrument :

MSVOA_U

ClientSampleId :

BFXW7

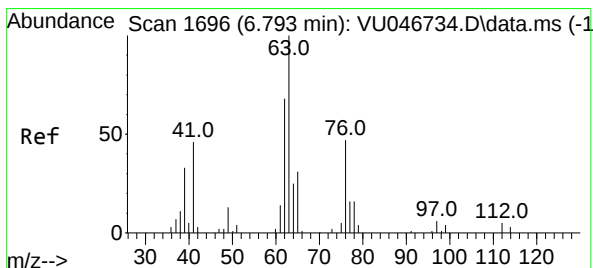
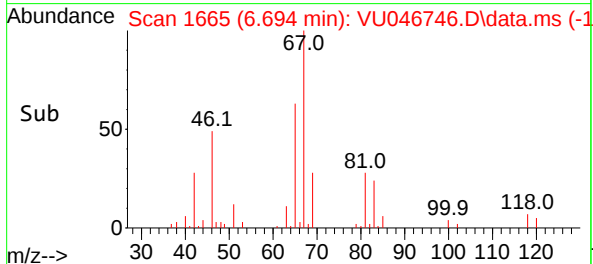
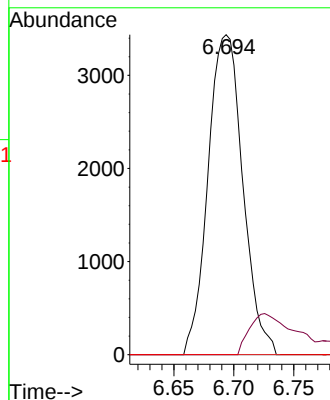
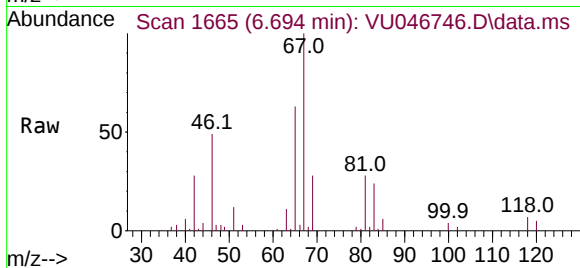
Tgt Ion: 83 Resp: 6933

Ion Ratio Lower Upper

83 100

55 16.7 61.9 92.9#

98 0.0 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.382 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU046746.D

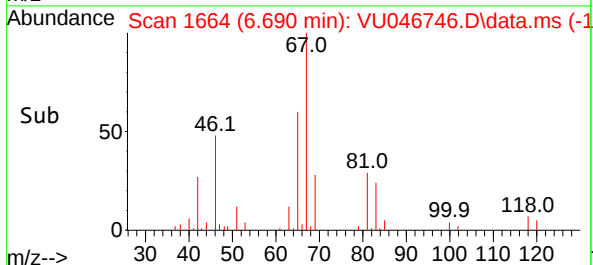
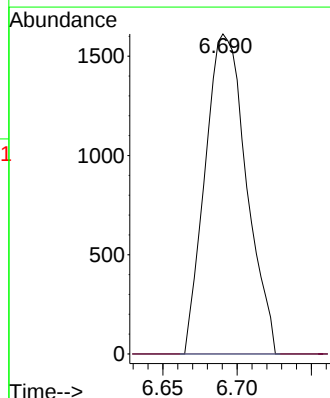
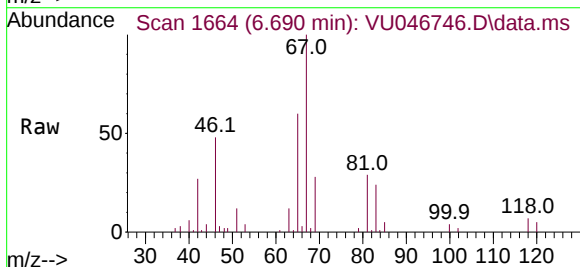
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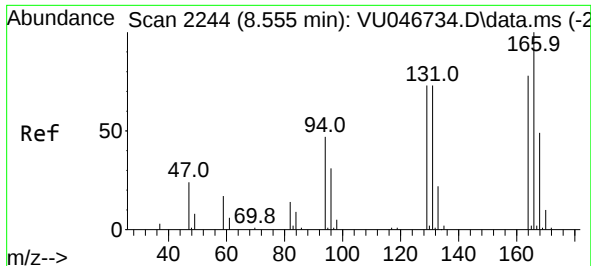
Tgt Ion: 63 Resp: 3119

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

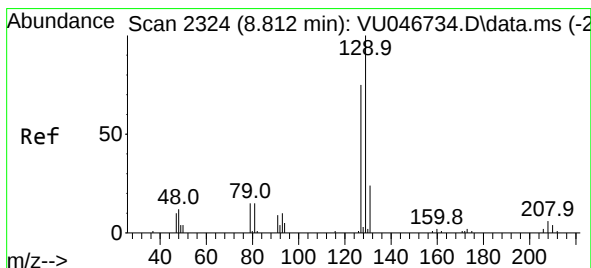
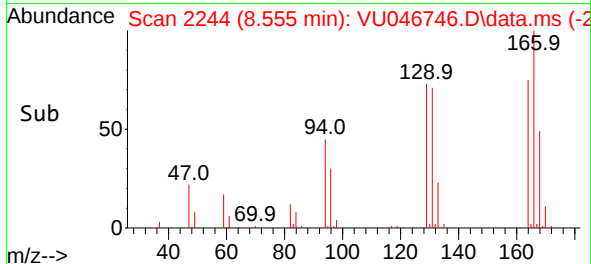
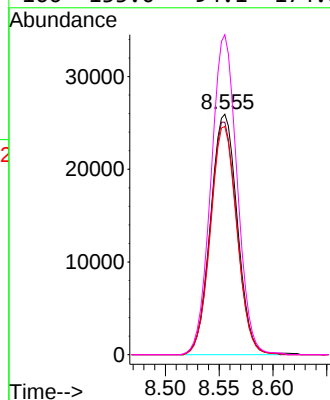
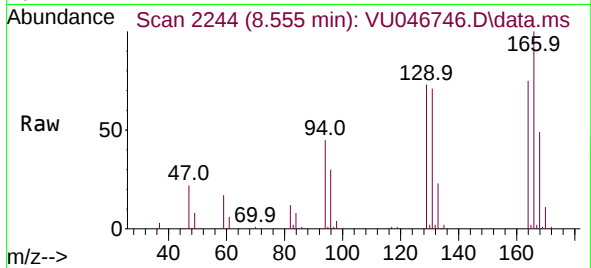




#47
Tetrachloroethene
Concen: 7.528 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046746.D
Acq: 12 Jan 2022 16:43

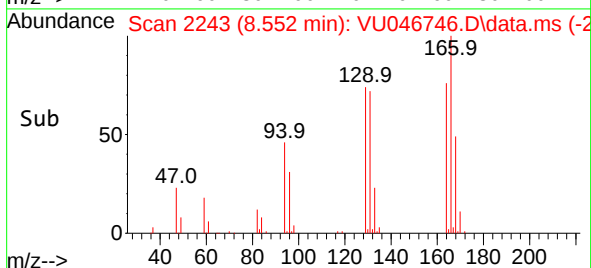
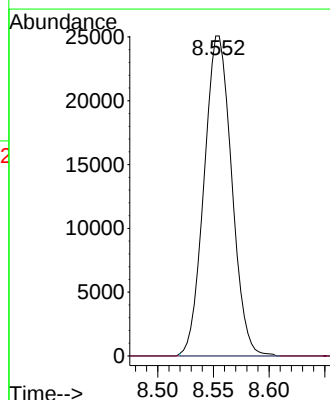
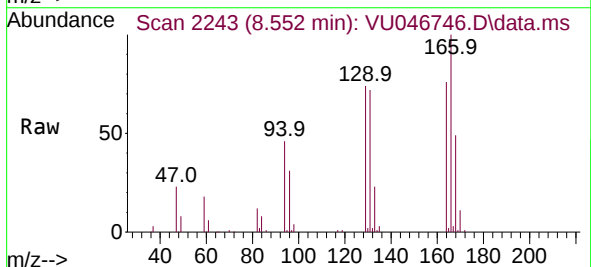
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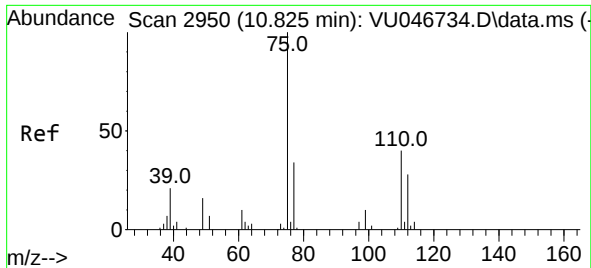
Tgt Ion:164 Resp: 44892
Ion Ratio Lower Upper
164 100
129 96.7 71.8 133.4
131 94.8 68.5 127.3
166 133.0 94.1 174.8



#49
Dibromochloromethane
Concen: 5.330 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU046746.D
Acq: 12 Jan 2022 16:43

Tgt Ion:129 Resp: 43233
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.669 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.984 min
 Lab File: VU046746.D
 Acq: 12 Jan 2022 16:43

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW7

Tgt Ion: 75 Resp: 5276
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 35.5 25.5 38.3

